

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 61-219254

(43)Date of publication of application : 29.09.1986

(51)Int.Cl.

H04M 3/30

G08B 29/00

H04M 11/04

(21)Application number : 60-060195

(71)Applicant : NIPPON TELEGR & TELEPH CORP  
<NTT>  
OI DENKI KK

(22)Date of filing : 25.03.1985

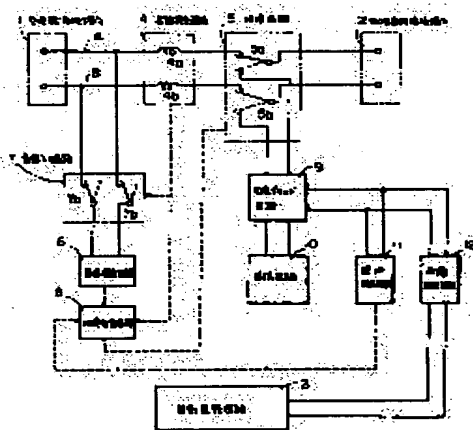
(72)Inventor : SUGIYAMA AKINARI  
NAKAGAWA KOHEI  
HAYASHI TETSUO

## (54) SUBSCRIBER'S LINE DISCONNECTION AUTOMATIC INFORMATION DEVICE

## (57)Abstract:

PURPOSE: To detect a line disconnection and automatically inform the line disconnection without adding a device to a subscriber's house by providing an alternating current bridge circuit making a side a subscriber's loop connecting side connected through a change-over circuit.

CONSTITUTION: When a receiving is obtained, an inter-ringing signal comes to an exchanger connecting terminal 1, the receiving is detected in a receiving detecting circuit 6 and this detected output is inputted to a change-over drive circuit 8. A change-over circuit 5 is changed over and the exchanger connecting terminal 1 and the subscriber's loop connecting terminal 2 are connected by the change-over circuit 5. On calling, when the subscriber raised up the receiver, the loop is formed through the subscriber's loop connecting terminal 2, so that a change of an alternating current bridge circuit 9 is detected in a calling detecting circuit 11, and the subscriber's loop connecting terminal 2 is connected to the exchanger connecting terminal 1. When the disconnection is generated, impedance in the alternating current bridge circuit 9 is changed, so that the change is detected by a disconnection detecting circuit 12 and the detected signal is transmitted to an automatic informing circuit 3, and a disconnection detecting data is informed automatically to an external guarding center or the like.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or

application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision  
of rejection]

[Date of requesting appeal against examiner's  
decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office